

D	300	GGGGAAACAGCCCAAGTTCTGTGTGGAAAGCGAGGTTCTGGATCTGAGTACGCTACCAAGTG	359
Q	241	GAGAAAGCAAGTACGACGCAAGCGCCATTGACTTCTACGATGTGACATGATGCGCC	300
D	360	GAGAAAGCAAGTACGACGCAAGCGCCATTGACTTCTACGATGTGACATGATGCGCC	419
Q	301	AACCTCTGCAATTTGTGCGCTTTGAGAGAGCTGCGCTGTGTTGGGCGCTGTGGGGACCA	360
D	420	ACCCTCTGCAATTTGTGCGCTTTGAGAGAGCTGCGCTGTGTTGGGCGCTGTGGGGACCA	479
Q	361	CTCCATGCCAGCTGCGAGACTTCACTTCCAGCTCTTCTGATGAGCTGATGATCA	420
D	480	CTCCATGCCAGCTGCGAGACTTCACTTCCAGCTCTTCTGATGAGCTGATGATCA	539
Q	421	GAGCTGCTGAGAAAGATGGCATGCGCTTTCAGAGAGCCCTTGACCCAGGCGCTTTGAC	480
D	540	GAGCTGCTGAGAAAGATGGCATGCGCTTTCAGAGAGCCCTTGACCCAGGCGCTTTGAC	599
Q	481	CAGGGACAGCCCTTTGGCCAGAGAGCTGTGGAAGAGCTCAGCAAGAGCCAGCCCTTACAC	540
D	600	CAGGGACAGCCCTTTGGCCAGAGAGCTGTGGAAGAGCTCAGCAAGAGCCAGCCCTTACAC	659
Q	541	CCCGCAGCTGTGCGCGAGAGGCCCTCCCTGCGAGCTTGAAGTCTCCACGCGAGG	600
D	660	CCCGCAGCTGTGCGCGAGAGGCCCTCCCTGCGAGCTTGAAGTCTCCACGCGAGG	719
Q	601	ACTGCTGTTCTCGGAGCTCCCACTCTCAGACTCCGCTGTGAAGTGAAGTGAAGTGAAGT	660
D	720	ACTGCTGTTCTCGGAGCTCCCACTCTCAGACTCCGCTGTGAAGTGAAGTGAAGTGAAGT	779
Q	661	CCCACTGATGGCAAGCTCTTCCCGAGAGTGTGTTTCGATCGTCAAGAACAGAGGGGATGCC	720
D	780	CCCACTGATGGCAAGCTCTTCCCGAGAGTGTGTTTCGATCGTCAAGAACAGAGGGGATGCC	839
Q	721	AAGCAGCGGAAACGGAACGAGGCGCGCCCGGAAGCTGAGCAAAAGATGCTGGGACTGT	780
D	840	AAGCAGCGGAAACGGAACGAGGCGCGCCCGGAAGCTGAGCAAAAGATGCTGGGACTGT	899
Q	781	CTCAGAGGCAAGAAAGACACAGCGCGCGCGAGGGACCACTGTGGGAGTTCACTCCG	840
D	900	CTCAGAGGCAAGAAAGACACAGCGCGCGCGAGGGACCACTGTGGGAGTTCACTCCG	959
Q	841	GACATCTCTCACTCCACCCGAGACTCAACGAGGCGCTCATGAGTGGGAGATGCGCATGA	900
D	960	GACATCTCTCACTCCACCCGAGACTCAACGAGGCGCTCATGAGTGGGAGATGCGCATGA	1019
Q	901	GGCGTCTTCAAGTCTCTGCGCTCCGAGAGCTGTGCGCCCACTATGGGCGCAAAAGAAAAG	960
D	1020	GGCGTCTTCAAGTCTCTGCGCTCCGAGAGCTGTGCGCCCACTATGGGCGCAAAAGAAAAG	1079
Q	961	AACAGCAACATGACTCTACGAGAGCTGAGCGCGGCGCATGAGGATCTACTACAAACGAGAG	1020
D	1080	AACAGCAACATGACTCTACGAGAGCTGAGCGCGGCGCATGAGGATCTACTACAAACGAGAG	1139
Q	1021	ATCTGTGAACGGGTGATGAGCGCGCGCACTGTCTACAGTTTGGCAAAAACCTCAAGCGGC	1080
D	1140	ATCTGTGAACGGGTGATGAGCGCGCGCACTGTCTACAGTTTGGCAAAAACCTCAAGCGGC	1199
Q	1081	TGGAAGGAGAAAGGTTTCTTCAGAGTCCGGAATCTGA	1116
D	1200	TGGAAGGAGAAAGGTTTCTTCAGAGTCCGGAATCTGA	1235

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RESULT 2
US-09-964-824A-563
; Sequence 563 Application US/09964824A
; Parent No US20060102531A1
; GENERAL INFORMATION:
; APPLICANT: Horrigan, Stephen
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatuwv
; TITLE OF INVENTION: Sets
; FILE REFERENCE: 689290-73
;

```

	CURRENT APPLICATION NUMBER:	US/09/964,824A
	PRIOR FILING DATE:	2001-09-27
	PRIOR APPLICATION NUMBER:	US/60/236,033
	PRIOR FILING DATE:	2000-09-28
	PRIOR APPLICATION NUMBER:	US/60/236,032
	PRIOR FILING DATE:	2000-09-28
	PRIOR APPLICATION NUMBER:	US/60/236,028
	PRIOR FILING DATE:	2000-09-28
	NUMBER OF SEQ ID NOS:	583
	SOFTWARE:	PatentIn version 3.0
	SEQ ID NO:	563
	LENGTH:	1915
	TYPE:	DNA
	ORGANISM:	Homo sapiens
	US-09-964-824A-563	
Query Match	100.0%; Score 1116; DB 10; Length 1915;	
Best Local Similarity	100.0%; Pred. No. 6.3e-294;	
Matches 1116; Conservative	0; Mismatches 0; Indels 0; Gaps 0;	
OY	1 ATGCGTCGAACCTGTGAGATTAGCAACTTTTATAGCAACTATCTTACAGTGCGATGTACAGC	60
Db	120 ATGGCTGCACAACCTGTGAGATTAGCAACATTTTATAGCACTACTTCAGTGCATGTACAGC	179
OY	61 TCGAGAGACTCCACCCTGGCCCTCTGTTCCCCCTGTCACCTTTGGGGCCGATGACTTG	120
Db	180 TCGAGAGACTCACCTCGCTGGCTCTGTTCCCTCTGTCACCTTTGGGGCCGATGACTTG	239
OY	121 GTACTGACCCCTGAGCAACCCCCAGATGTCAATTGGAGGGTAAGAAGGCCAGCTGTGTTG	180
Db	240 GTACTGACCCCTGAGCAACCCCCAGATGTCAATTGGAGGGTAAGAAGGCCAGCTGTGTTG	299
OY	181 GGGGAACAGCCCAGTTCTGTGTCGAAGCGCAGGTTCTGGACTGGATGACTACCAAGTG	240
Db	300 GGGGAACAGCCCAGTTCTGTGTCGAAGCGCAGGTTCTGGACTGGATGACTACCAAGTG	359
OY	241 GAGAAACAAGTACGAGCAAGGCCCATTTGACTTCAGATGATGACATGSATGGAGGCC	300
Db	360 GAGAAACAAGTACGAGCAAGGCCCATTTGACTTCAGATGATGACATGSATGGAGGCC	419
OY	301 ACCCTCTCAATTGTGCCCCCTTAGAGAGCTGCGTCTGTCTTTGGGCCCTCTGGGGGACCA	360
Db	420 ACCCTCTCAATTGTGCCCCCTTAGAGAGCTGCGTCTGTCTTTGGGCCCTCTGGGGGACCA	479
OY	361 CTCATGCCAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGGATCATTT	420
Db	480 CTCATGCCAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGGATCATTT	539
OY	421 GAGCTGCTGGAAGAGATGCGATGGCCCTTCCAGAGAGGCCCTAGACCCAGGGGCCCTTTGAC	480
Db	540 GAGCTGCTGGAAGAGATGCGATGGCCCTTCCAGAGAGGCCCTAGACCCAGGGGCCCTTTGAC	599
OY	481 CAGGCGACGCCCTTTGGCCAGAGAGTGTGTGACGACGCGTCAAGACGAGGCCCTTACAC	540
Db	600 CAGGCGACGCCCTTTGGCCAGAGAGTGTGTGACGACGCGTCAAGACGAGGCCCTTACAC	659
OY	541 CCCGGCAGCTGTGGCGCAGAGAGCCCCCTTCCCTGGCAGCTCTGACGTCTTCCAACGCAAGG	600
Db	660 CCCGGCAGCTGTGGCGCAGAGAGCCCCCTTCCCTGGCAGCTCTGACGTCTTCCAACGCAAGG	719
OY	601 ACTGATGCTTCTCGAGAGTCCCACTCTCTCAACATTCGCGTGAAGTGAAGTGAAGTGAAGT	660
Db	720 ACTGATGCTTCTCGAGAGTCCCACTCTCTCAACATTCGCGTGAAGTGAAGTGAAGTGAAGT	779
OY	661 CCCACTGAATGGCAAGCTCTTCCCGCAGATGATGTTTCTGTACTGCAACAAGGGGATCCC	720
Db	780 CCCACTGAATGGCAAGCTCTTCCCGCAGATGATGTTTCTGTACTGCAACAAGGGGATCCC	839
OY	721 AAGCAACGGGAAGCGGAACGAGGCGCGGCCGGAAGCTGAGCAAGAAGACTACTGGACTGT	780
Db	840 AAGCAACGGGAAGCGGAACGAGGCGCGGCCGGAAGCTGAGCAAGAAGACTACTGGGACTGT	899
OY	781 CTGAGGGCAGAAAGAGCAGACGCGCCCAAGAGGCACCTGTTGGAGTTCACTCCGG	840

PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US/60/236,111
PRIOR FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 325
SOFTWARE: PatentIn version 3.0
SEQ ID NO: 192
LENGTH: 1915
TYPE: DNA
ORGANISM: Homo sapiens
US-09-967-768A-192

Query Match 100.0%; Score 1116; DB 10; Length 1915;
Best Local Similarity 100.0%; Pred. No. 6.3e-294;
Matches 1116; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 ATGGCTGCAACCTGAGATTGACAAATTTTACCACTACTGAGGCGATGACG 60
Db 120 ATGGCTGCAACCTGAGATTGACAAATTTTACCACTACTGAGGCGATGACG 179
Qy 61 TCGAGAGACTCCACCTGAGCTCTGTCCCTGCTGACACTTTGGGCGGATGATG 120
Db 180 TCGAGAGACTCCACCTGAGCTCTGTCCCTGCTGACACTTTGGGCGGATGATG 239
Qy 121 GTACTGACCTTGAGCAACCCCGATGTCATTGAGGGGTACAGAGAGCCAGCTGTTG 180
Db 240 GTACTGACCTTGAGCAACCCCGATGTCATTGAGGGGTACAGAGAGCCAGCTGTTG 299
Qy 181 GGGGAACAGCCCCCACTTGTGTCGAAGAGCGAGTTTGGATGATCAGTACCAAGTG 240
Db 300 GGGGAACAGCCCCCACTTGTGTCGAAGAGCGAGTTTGGATGATCAGTACCAAGTG 359
Qy 241 GAGAAGAACAGTACGACGACGACGACGACGACGACGACGACGACGACGACGACG 300
Db 360 GAGAAGAACAGTACGACGACGACGACGACGACGACGACGACGACGACGACGACG 419
Qy 301 ACCCTCTGCAATTTGTCCTTGAGAGCTGCTGTGTTGGGCTTCTGGGAGCA 360
Db 420 ACCCTCTGCAATTTGTCCTTGAGAGCTGCTGTGTTGGGCTTCTGGGAGCA 479
Qy 361 CTCCATGCCCCAGCTCGGACCTCACTTCCAGCTCTTCTGAGAGCTCAGTGGATCAT 420
Db 480 CTCCATGCCCCAGCTCGGACCTCACTTCCAGCTCTTCTGAGAGCTCAGTGGATCAT 539
Qy 421 GAGCTGTGAGAGAGATGAGTGGCTTCCAGAGAGCCCTAGACCCAGGCGCTTTGAC 480
Db 540 GAGCTGTGAGAGAGATGAGTGGCTTCCAGAGAGCCCTAGACCCAGGCGCTTTGAC 599
Qy 481 CAGGCGAGCCCTTTGCCCAGAGCTGTGACGAGGTCAGCAAGCCAGCCCTTACAC 540
Db 600 CAGGCGAGCCCTTTGCCCAGAGCTGTGACGAGGTCAGCAAGCCAGCCCTTACAC 659
Qy 541 CCGGCGAGCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 600
Db 660 CCGGCGAGCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 719
Qy 601 ACTGAGCTTCTCGAGAGCTCCCACTCTCAGACTCCGAGTGAAGTACGTGACCTGAT 660
Db 720 ACTGAGCTTCTCGAGAGCTCCCACTCTCAGACTCCGAGTGAAGTACGTGACCTGAT 779
Qy 661 CCGACTGATGAGAGCTTTTCCCAAGCGATGTTTCTGATGCAAGAGGGGAGATCCC 720
Db 780 CCGACTGATGAGAGCTTTTCCCAAGCGATGTTTCTGATGCAAGAGGGGAGATCCC 839
Qy 721 AAGCAGCGGAGAGCGGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 780
Db 840 AAGCAGCGGAGAGCGGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 899
Qy 781 CTGAGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 840
Db 900 CTGAGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 959
Qy 841 GACATCTTCATCCACCGAGAGCTCAACGAGGCTTCATGAGTGGAGATCGGATGAA 900
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Db 960 GACATCTTCATCCACCGAGAGCTCAACGAGGCTTCATGAA GTGGAGAAATCGCATGAA 1019
Qy 901 GGGCTTTCAAGTTCTCTGCGCTCGAGAGCTGTGGCCCAACTATGGGCGCAAAAAAAG 960
Db 1020 GGGCTTTCAAGTTCTCTGCGCTCGAGAGCTGTGGCCCAACTATGGGCGCAAAAAAAG 1079
Qy 961 AACAGCAACATGACCTTACGAGAGCTGAGCCGGGCGCATGAGTACTTACAAACGGGAG 1020
Db 1080 AACAGCAACATGACCTTACGAGAGCTGAGCCGGGCGCATGAGTACTTACAAACGGGAG 1139
Qy 1021 ATCTGGAACGGGTGATGAGCGCGCGGAGCTGCTTACAAAGTTTGGCAAAACTCAAGGGC 1080
Db 1140 ATCTGGAACGGGTGATGAGCGCGGAGCTGCTTACAAAGTTTGGCAAAACTCAAGGGC 1199
Qy 1081 TGAAGAGAGAGAGAGTTCTTCAGAGTCCGAACCTGA 1116
Db 1200 TGAAGAGAGAGAGAGTTCTTCAGAGTCCGAACCTGA 1235
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RESULT 5

US-10-025-380-1105
Sequence 1105, Application US/10025380
Publication No. US20020182191A1

GENERAL INFORMATION:

APPLICANT: Xu, Jianshun
APPLICANT: Lodes, Michael J.
APPLICANT: Secrist, Heather
APPLICANT: Benson, Darin R.
APPLICANT: Meagher, Madeleine Joy
APPLICANT: Stolk, John A.
APPLICANT: Wang, Tongtong
APPLICANT: Jiansun, Yugu
APPLICANT: Smith, Carole L.
APPLICANT: King, Gordon E.
APPLICANT: Wang, Aijun
APPLICANT: Clapper, Jonathan D.
APPLICANT: Skeiky, Yasir A. W.
APPLICANT: Fanger, Gary R.
APPLICANT: Vedrick Thomas S.

APPLICANT: Carter, Darick

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS

FILE REFERENCE: 210121.471C14

CURRENT FILING DATE: 2001-12-19

NUMBER OF SEQ ID NOS: 1129

SOFTWARE: PatSeq for Windows Version 4.0

SEQ ID NO 1105

LENGTH: 1917

TYPE: DNA

ORGANISM: Homo sapiens

US-10-025-380-1105

Query Match 100.0%; Score 1116; DB 9; Length 1917;
Best Local Similarity 100.0%; Pred. No. 6.3e-294;
Matches 1116; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 ATGGCTGCAACCTGAGATTGACAAATTTTACCACTACTGAGGCGATGACG 60
Db 122 ATGGCTGCAACCTGAGATTGACAAATTTTACCACTACTGAGGCGATGACG 181
Qy 61 TCGAGAGACTCCACCTGAGCTCTGTCCCTGCTGACACTTTGGGCGGATGATG 120
Db 182 TCGAGAGACTCCACCTGAGCTCTGTCCCTGCTGACACTTTGGGCGGATGATG 241
Qy 121 GTACTGACCTTGAGCAACCCCGATGTCATTGAGGGGTACAGAGAGCCAGCTGTTG 180
Db 242 GTACTGACCTTGAGCAACCCCGATGTCATTGAGGGGTACAGAGAGCCAGCTGTTG 301
Qy 181 GGGGAACAGCCCCCACTTGTGTCGAAGAGCGAGTTTGGATGATCAGTACCAAGTG 240
Db 302 GGGGAACAGCCCCCACTTGTGTCGAAGAGCGAGTTTGGATGATCAGTACCAAGTG 361
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Qy	781	CTCAGGGCAAGAAAGACCAAGCAACGGCCCGACAGAGGACCACTGTGGAGTTCAATCCGG	840
Dp	902	CTCGAGGGCAAGAAAGCAACAGCAACGCCCCAGAGGCAACCACTGTGGAGTTCAATCCGG	961
Qy	841	GACATCCTCATCCACCCGGAGCTCAACGAGGCGCTCATGATGAGTGAGAGATCGCATGAA	900
Dp	962	GACATCCTCATCCACCCGGAGCTCAACGAGGCGCTCATGATGAGTGAGAGATGGCATGAA	1021
Qy	901	GGCGTCTTCAAATTCTCGCGCTCCGAGGCTGTGGCCCACTATGAGGCCCAAAAGAAAAG	960
Dp	1022	GGCGTCTTCAAAGTTCTCGCGCTCCGAGGCTGTGGCCCACTATGAGGCCCAAAAGAAAAG	1081
Qy	961	AACGACCAATGAACTCAACGAAAGCTGAGCGCGGCATAGGTACTATCAAAACGGAG	1020
Dp	1082	AACGACCAATGAACTCAACGAAAGCTGAGCGCGGCATAGGTACTATCAAAACGGAG	1141
Qy	1021	ATCCGGAACGGGTGAGATGCGCGCGCATCTGTCTAACAAGTTGGCAAAAACCTCAAGCGGC	1080
Dp	1142	ATCCGGAACGGGTGAGATGCGCGCGCATCTGTCTAACAAGTTGGCAAAAACCTCAAGCGGC	1201
Qy	1081	TGGAAGGAGGAAGAGTTCTCCAGAGTCGGAATCTGA	1116
Dp	1202	TGGAAGGAGGAAGAGTTCTCCAGAGTCGGAATCTGA	1237

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RESULT 7
US-09-925-301-207
; Sequence 207, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05862
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 207
; LENGTH: 1996
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-301-207

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Query March	100.0%;	Score 1115.6;	DB 10;	Length 1996;
Best Local Similarity	99.9%;	Pred. No. 8.3e-294;		
Matches 115;	Conservative	1;	Mismatches 0;	Indels 0;
			Gaps	0;

Qy	1	ATGGCTGCACCTGTGAATTAAGCAACAATTTTAAAGCACTACTTCACTGCATATACAG	60
Pb	141	ATGGCTGCACCTGTGAATTAAGCAACAATTTTAAAGCACTACTTCACTGCATATACAG	200
Qy	61	TCGGAAGACTCACCCTTGCTTGTTCCTCTGTGCACACTTTGGGCGCATGACTTG	120
Pb	201	TCGGAAGACTCACCCTTGCTTGTTCCTCTGTGCACACTTTGGGCGCATGACTTG	260
Qy	121	GTACTGACCTTGAGCAACCCCGACAGTGTCAATTGGAGGTTACAGAGAAGCGCACCTGGTTG	180
Pb	261	GTACTGACCTTGAGCAACCCCGACAGTGTCAATTGGAGGTTACAGAGAAGCGCACCTGGTTG	320
Qy	181	GGGGAACACGCCCACTTCTGTCGAAGCGCAGGTTCTGCACTGGATCAGTACCAAGTG	240
Pb	321	GGGGAACACGCCCACTTCTGTCGAAGCGCAGGTTCTGCACTGGATCAGTACCAAGTG	380
Qy	241	GAGGAACACAGTACGACGCAAGCGCCATTTGACTTCTCAGATGTGACATGATGGCGCC	300
Pb	381	GAGGAACACAGTACGACGCAAGCGCCATTTGACTTCTCAGATGTGACATGATGGCGCC	440
Qy	301	ACCTCTGCACATTTGCCCTTGAGGAGCTCGCTGGTCTTTGGGCTCTTGAGGACCA	360

Db	441	ACCCCTCGAATTGTGCCCTTAGAGAGCTGGCTGTGGTCTTTGGGCCCTCTGGGGACAA	500
Qy	361	CTCCATGCCAGCTGCGAAGCTCACTTCAGACTCTTTGATGAGCTAAGTTGGATCAT	420
Db	501	CTCCATGCCAGCTGCGAAGCTCACTTCAGACTCTTTGATGAGCTAAGTTGATCAT	560
Qy	421	GAGCTGCTGGAGAAGATGGCAATGGCTTCAGAGAGGCCCTAAGACCCAGGGCCCTTGAC	480
Db	561	GAGCTGCTGGAGAAGATGGCAATGGCTTCAGAGAGGCCCTAAGACCCAGGGCCCTTGAC	620
Qy	481	CAGGGCAGCCCCCTTGTGCCAGAGAGCTGTGAACGAGCTGACAAACGAGCCCTTACAC	540
Db	621	CAGGGCAGCCCCCTTGTGCCAGAGAGCTGTGAACGAGCTGACAAACGAGCCCTTACAC	680
Qy	541	CCCGGAGCTGTGGCGCAGAGAGCCCCCTCTCGGAGCTTGACGTCTCCACCGCAGGG	600
Db	681	CCCGGAGCTGTGGCGCAGAGAGCCCCCTCTCGGAGCTTGACGTCTCCACCGCAGGG	740
Qy	601	ACTGAGTCTTCTCGAGAGCTCCACTCTCTAGACTTCGGGTGAAGTGAAGTGAAGCTGAT	660
Db	741	ACTGAGTCTTCTCGAGAGCTCCACTCTCTAGACTTCGGGTGAAGTGAAGTGAAGCTGAT	800
Qy	661	CCCACTGATGGCAAGCTCTCCCGACGATGGTTTTGCGACTGCAAGAGGGGATCTCC	720
Db	801	CCCACTGATGGCAAGCTCTCTCCCGACGATGGTTTTGCGACTGCAAGAGGGGATCTCC	860
Qy	721	AAGCAGCGGAAGCGGAAAAGAGGCCGGGCCCGAAGCTGAGCAAGAAGTACTGGGACTGT	780
Db	861	AAGCAGCGGAAGCGGAAAAGAGGCCGGGCCCGAAGCTGAGCAAGAAGTACTGGGACTGT	920
Qy	781	CTGAGGGCAAGAGAGCAAGCAAGCGGCCAGAGGCCACCTGTGGGAGTTTCATCCG	840
Db	921	CTGAGGGCAAGAGAGCAAGCAAGCGGCCAGAGGCCACCTGTGGGAGTTTCATCCG	980
Qy	841	GACATCTCTCAACCCGAGACTCAACGAGGGCCCTCATTGAAGTGGGAAGTCCGACTGA	900
Db	981	GACATCTCTCAACCCGAGACTCAACGAGGGCCCTCATTGAAGTGGGAAGTCCGACTGA	1040
Qy	901	GGCGTCTTCAAGTTCTCGGCTCCGAGCTGTGGGCCCAACTATGGGGCCAAAGAAAG	960
Db	1041	GGCGTCTTCAAGTTCTCGGCTCCGAGCTGTGGGCCCAACTATGGGGCCAAAGAAAG	1100
Qy	961	AACGACAACATGACTTACGAGAACTGAGCCGGGCAATGAGTACTTACAAACGGAG	1020
Db	1101	AACGACAACATGACTTACGAGAACTGAGCCGGGCAATGAGTACTTACAAACGGAG	1160
Qy	1021	ATCTTGAACGGGTGATGGCCGGCGAATCTGTCTACAAATTGGGCAAAACTCAAGCGGC	1080
Db	1161	ATCTTGAACGGGTGATGGCCGGCGAATCTGTCTACAAATTGGGCAAAACTCAAGCGGC	1220
Qy	1081	TGGAAGGAGAAGGTTCTCCAGATCGGAACCTA	1116
Db	1221	TGGAAGGAGAAGGTTCTCCAGATCGGAACCTA	1256

RESULT 8
US-10-025-380-853/C
Sequence 853, Application US/10025380
Publication No. US20020182191A1
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Lodes, Michael J.
APPLICANT: Secrist, Heather
APPLICANT: Benson, Darin R.
APPLICANT: Meagher, Madeleine Joy
APPLICANT: Stolk, John A.
APPLICANT: Wang, Tongtong
APPLICANT: Jiang, Yutai
APPLICANT: Smith, Carole L.
APPLICANT: King, Gordon E.
APPLICANT: Wang, Aijun
APPLICANT: Clapper, Jonathan D.

```

; APPLICANT: Skeiky, Yasir A. W.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Vedvick Thomas S.
; APPLICANT: Carter, Darick
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
; FILE REFERENCE: 210121.471C14
; CURRENT APPLICATION NUMBER: US/10/025.380
; CURRENT FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 1129
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 853
; LENGTH: 626
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-025-380-853

Query Match      55.9%; Score 624.4; DB 9; Length 626;
Best Local Similarity 99.8%; Pred. No. 2.4e-160;
Matches 625; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 155 AGGTACAGAGAGGCGAGCTGTGGGGGAACGCCCACTTGTGTCGAAGCGAG 214
DB 626 AGGTACAGAGAGGCGAGCTGTGGGGGAACGCCCACTTGTGTCGAAGCGAG 567
QY 215 TTCTGACATGATCAGTACCAAGTGAAGAAACAAGTACGACGCAAGCCATTGACT 274
DB 566 TTCTGACATGATCAGTACCAAGTGAAGAAACAAGTACGACGCAAGCCATTGACT 507
QY 275 TCTCAGATGTGATGATGATGCGCCACCTCTGCAATTGTGCTTGAAGAGCTGGCTC 334
DB 506 TCTCAGATGTGATGATGATGCGCCACCTCTGCAATTGTGCTTGAAGAGCTGGCTC 447
QY 335 TGTGCTTTGGGCGCTCTGGGGGAACCACTCCATGCCAGCTGCGAGACTTCCAGCT 394
DB 446 TGTGCTTTGGGCGCTCTGGGGGAACCACTCCATGCCAGCTGCGAGACTTCCAGCT 387
QY 395 CTCTGTGATGATCAGTGTGATCATTGAGCTGTGAGAGAAAGATGGAGCTTCCAGG 454
DB 386 CTCTGTGATGATCAGTGTGATCATTGAGCTGTGAGAGAAAGATGGAGCTTCCAGG 327
QY 455 AGGCCCTAGACCCAGGGGCCCTTTGACCAAGGCGAGCCCTTTGCCAGAGCTGTGAGC 514
DB 326 AGGCCCTAGACCCAGGGGCCCTTTGACCAAGGCGAGCCCTTTGCCAGAGCTGTGAGC 267
QY 515 AGCGTCAGCAAGCCAGCCCTTACCAACCCCGGAGCTGTGGGCGAGAGCCCTCCCTG 574
DB 266 AGCGTCAGCAAGCCAGCCCTTACCAACCCCGGAGCTGTGGGCGAGAGCCCTCCCTG 207
QY 575 GCACTCTGACGCTCTCCACCGCAGGAGCTGGTCTTCCGAGCTCCCACTCTCAGACT 634
DB 206 GCACTCTGACGCTCTCCACCGCAGGAGCTGGTCTTCCGAGCTCCCACTCTCAGACT 147
QY 635 CCGGTGGAAGTGAAGTGAAGCTGTGATCCACTGATGGAAGCTTTCCCAAGCATGTT 694
DB 146 CCGGTGGAAGTGAAGTGAAGCTGTGATCCACTGATGGAAGCTTTCCCAAGCATGTT 87
QY 695 TTGCTGACTGCAAGAAAGGGGATCCCAAGCAGGGAAGCGGAAGCGAGCGGCCCGAA 754
DB 86 TTGCTGACTGCAAGAAAGGGGATCCCAAGCAGGGAAGCGGAAGCGAGCGGCCCGAA 27
QY 755 AGCTGAGCAAAAGTACTGGGACTGT 780
DB 26 AGCTGAGCAAAAGTACTGGGACTGT 1

RESULT 9
US-09-922-217-853/c
; Sequence 853. Application US/09922217
; Patent No. US20020076414A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Lodes, Michael J.
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; APPLICANT: Secrist, Heather
; APPLICANT: Benson, Darin R.
; APPLICANT: Meagher, Madeleine Joy
; APPLICANT: Stolk, John A.
; APPLICANT: Wang, Tonglong
; APPLICANT: Jiang, Yugu
; APPLICANT: Smith, Carole Lynn
; APPLICANT: King, Gordon E.
; APPLICANT: Wang, Aijun
; APPLICANT: Clapper, Jonathan D.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
; FILE REFERENCE: 210121.471C13
; CURRENT APPLICATION NUMBER: US/09/922.217
; CURRENT FILING DATE: 2001-08-03
; NUMBER OF SEQ ID NOS: 1124
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 853
; LENGTH: 626
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-922-217-853

Query Match      55.9%; Score 624.4; DB 10; Length 626;
Best Local Similarity 99.8%; Pred. No. 2.4e-160;
Matches 625; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 155 AGGTACAGAGAGGCGAGCTGTGGGGGAACGCCCACTTGTGTCGAAGCGAG 214
DB 626 AGGTACAGAGAGGCGAGCTGTGGGGGAACGCCCACTTGTGTCGAAGCGAG 567
QY 215 TTCTGACATGATCAGTACCAAGTGAAGAAACAAGTACGACGCAAGCCATTGACT 274
DB 566 TTCTGACATGATCAGTACCAAGTGAAGAAACAAGTACGACGCAAGCCATTGACT 507
QY 275 TCTCAGATGTGATGATGATGCGCCACCTCTGCAATTGTGCTTGAAGAGCTGGCTC 334
DB 506 TCTCAGATGTGATGATGATGCGCCACCTCTGCAATTGTGCTTGAAGAGCTGGCTC 447
QY 335 TGTGCTTTGGGCGCTCTGGGGGAACCACTCCATGCCAGCTGCGAGACTTCCAGCT 394
DB 446 TGTGCTTTGGGCGCTCTGGGGGAACCACTCCATGCCAGCTGCGAGACTTCCAGCT 387
QY 395 CTCTGTGATGATCAGTGTGATCATTGAGCTGTGAGAGAAAGATGGAGCTTCCAGG 454
DB 386 CTCTGTGATGATCAGTGTGATCATTGAGCTGTGAGAGAAAGATGGAGCTTCCAGG 327
QY 455 AGGCCCTAGACCCAGGGGCCCTTTGACCAAGGCGAGCCCTTTGCCAGAGCTGTGAGC 514
DB 326 AGGCCCTAGACCCAGGGGCCCTTTGACCAAGGCGAGCCCTTTGCCAGAGCTGTGAGC 267
QY 515 AGCGTCAGCAAGCCAGCCCTTACCAACCCCGGAGCTGTGGGCGAGAGCCCTCCCTG 574
DB 266 AGCGTCAGCAAGCCAGCCCTTACCAACCCCGGAGCTGTGGGCGAGAGCCCTCCCTG 207
QY 575 GCACTCTGACGCTCTCCACCGCAGGAGCTGGTCTTCCGAGCTCCCACTCTCAGACT 634
DB 206 GCACTCTGACGCTCTCCACCGCAGGAGCTGGTCTTCCGAGCTCCCACTCTCAGACT 147
QY 635 CCGGTGGAAGTGAAGTGAAGCTGTGATCCACTGATGGAAGCTTTCCCAAGCATGTT 694
DB 146 CCGGTGGAAGTGAAGTGAAGCTGTGATCCACTGATGGAAGCTTTCCCAAGCATGTT 87
QY 695 TTGCTGACTGCAAGAAAGGGGATCCCAAGCAGGGAAGCGGAAGCGAGCGGCCCGAA 754
DB 86 TTGCTGACTGCAAGAAAGGGGATCCCAAGCAGGGAAGCGGAAGCGAGCGGCCCGAA 27
QY 755 AGCTGAGCAAAAGTACTGGGACTGT 780
DB 26 AGCTGAGCAAAAGTACTGGGACTGT 1

RESULT 10
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US-09-833-263-853/c
; Sequence 853, Application US/09833263
; Patent No. US20020110547A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Aijun
; APPLICANT: Clapper, Jonathan D.
; APPLICANT: Stoik, John A.
; APPLICANT: Meagher, Madeline J.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER AND METHODS FOR THEIR USE
; FILE REFERENCE: 210121.471C12
; CURRENT APPLICATION NUMBER: US/09/833,263
; CURRENT FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 853
; LENGTH: 626
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-833-263-853

Query Match          55.9%; Score 624.4; DB 10; Length 626;
Best Local Similarity 99.8%; Pred. No. 2.4e-16; Indels 0; Gaps 0;
Matches 625; Conservative 0; Mismatches 1;

Qy 155 AGGATACAGAGAGGCAAGCTGTTGGGGAAAGCCCACTTCTGTCGAAGCGCAGG 214
Db 626 AGGATACAGAGAGGCAAGCTGTTGGGGAAAGCCCACTTCTGTCGAAGCGCAGG 567

Qy 215 TTCTGAGCTGATCAGCTTACCAAGTGGAGAGAAACAAGTACAGCCAGCCCATTTGACT 274
Db 566 TTCTGAGCTGATCAGCTTACCAAGTGGAGAGAAACAAGTACAGCCAGCCCATTTGACT 507

Qy 275 TCTCAGATGTACATGTGATGGGCGCACCCCTGCAATTTGCTTGAAGAGCTGGCTC 334
Db 506 TCTCAGATGTACATGTGATGGGCGCACCCCTGCAATTTGCTTGAAGAGCTGGCTC 447

Qy 335 TGGTCTTTGGGCTCTGGGGGACCAATCTCATGCCAGCTGGAGAGCCTCACTTCAGCT 394
Db 446 TGGTCTTTGGGCTCTGGGGGACCAATCTCATGCCAGCTGGAGAGCCTCACTTCAGCT 387

Qy 395 CTTCTGATGAGCTCAAGTTGATTTGAGCTGCTGGAGAGAGATGGCATGGCTTTCAGG 454
Db 386 CTTCTGATGAGCTCAAGTTGATTTGAGCTGCTGGAGAGAGATGGCATGGCTTTCAGG 327

Qy 455 AGGCTCTAGACCCAGGAGCCCTTTGACAGGGAGCCCTTTGCCAGAGAGCTGGAGAG 514
Db 326 AGGCTCTAGACCCAGGAGCCCTTTGACAGGGAGCCCTTTGCCAGAGAGCTGGAGAG 267

Qy 515 ACGGTACAGCAAGCCCACTACCAACCCCGGAGCTGTGGCCAGAGAGCCCTCCCTCG 574
Db 266 ACGGTACAGCAAGCCCACTACCAACCCCGGAGCTGTGGCCAGAGAGCCCTCCCTCG 207

Qy 575 GGAGCTTGACCTTCTCCACCGAGAGAGCTGTGCTTCTCGAGAGCTCCACTCTCCAGCT 634
Db 206 GGAGCTTGACCTTCTCCACCGAGAGAGCTGTGCTTCTCGAGAGCTCCACTCTCCAGCT 147

Qy 635 CGGATGAGAGTACCTGAGAGCTGGAGCCCACTGATGGCAAGCTTTCCCAAGAGTGT 694
Db 146 CGGATGAGAGTACCTGAGAGCTGGAGCCCACTGATGGCAAGCTTTCCCAAGAGTGT 87

Qy 695 TTCTGATGCTCAAGAGAGGAGATCCCAAGCAGCGGAAAGCGAAACGAGGCGGCGGAA 754
Db 86 TTCTGATGCTCAAGAGAGGAGATCCCAAGCAGCGGAAAGCGAAACGAGGCGGCGGAA 27

Qy 755 AGCTGAGCAAGAGTACTGGAGCTGT 780
Db 26 AGCTGAGCAAGAGTACTGGAGCTGT 1

RESULT 11
US-10-025-380-944/c
; Sequence 944, Application US/10025380
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Publication No. US20020182191A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Lodes, Michael J.
; APPLICANT: Secrist, Heather
; APPLICANT: Benson, Darin R.
; APPLICANT: Meagher, Madeline Joy
; APPLICANT: Stoik, John A.
; APPLICANT: Wang, Tonglong
; APPLICANT: Jiang, Yugu
; APPLICANT: Smith, Carole L.
; APPLICANT: King, Gordon E.
; APPLICANT: Wang, Aijun
; APPLICANT: Clapper, Jonathan D.
; APPLICANT: Skeiky, Yasir A. W.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Carter, Darick
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
; TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
; FILE REFERENCE: 210121.471C14
; CURRENT APPLICATION NUMBER: US/10/025,380
; CURRENT FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 1129
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 944
; LENGTH: 563
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-025-380-944

Query Match          50.3%; Score 561.4; DB 9; Length 563;
Best Local Similarity 99.8%; Pred. No. 3.1e-13; Indels 0; Gaps 0;
Matches 562; Conservative 0; Mismatches 1;

Qy 219 GGACTGATCAGCTTACCAAGTGGAGAGAGATGAGAGCGGCGCATTTGCTTC 278
Db 563 GGACTGATCAGCTTACCAAGTGGAGAGAGATGAGAGCGGCGCATTTGCTTC 504

Qy 279 ACGATGTACATGTGATGGGCGCACCCCTGCAATTTGCTTGAAGAGCTGGCTTGGT 338
Db 503 ACGATGTACATGTGATGGGCGCACCCCTGCAATTTGCTTGAAGAGCTGGCTTGGT 444

Qy 339 CTTTGGGCTCTGGGGGACCAATCTCATGCCAGCTGGAGAGCCTCACTTCAGCTTTC 398
Db 443 CTTTGGGCTCTGGGGGACCAATCTCATGCCAGCTGGAGAGCCTCACTTCAGCTTTC 384

Qy 399 TGATAGCTCAAGTTGATTTGAGAGCTGCTGGAGAGAGATGGCATGGCTTCCAGAGAG 458
Db 443 CTTTGGGCTCTGGGGGACCAATCTCATGCCAGCTGGAGAGCCTCACTTCAGCTTTC 384

Qy 399 TGATAGCTCAAGTTGATTTGAGAGCTGCTGGAGAGAGATGGCATGGCTTCCAGAGAG 458
Db 383 TGATAGCTCAAGTTGATTTGAGAGCTGCTGGAGAGAGATGGCATGGCTTCCAGAGAG 324

Qy 459 CCTAGACCCAGGAGCCCTTTGACAGGGAGCCCTTTGCCAGAGAGCTGTGAGAGAG 518
Db 323 CCTAGACCCAGGAGCCCTTTGACAGGGAGCCCTTTGCCAGAGAGCTGTGAGAGAG 264

Qy 519 TCAGCAAGCAGCCCTTCAACAACCCCGGAGCTGTGGCCAGAGAGCCCTTCCCTGGAG 578
Db 263 TCAGCAAGCAGCCCTTCAACAACCCCGGAGCTGTGGCCAGAGAGCCCTTCCCTGGAG 204

Qy 579 CTCTAGCTTTCACCGAGAGAGAGCTGTGCTTCTCGAGAGCTCCACTCTCCAGACTCGG 638
Db 203 CTCTAGCTTTCACCGAGAGAGAGCTGTGCTTCTCGAGAGCTCCACTCTCCAGACTCGG 144

Qy 639 TGGAGTGAAGTGAAGCTGATCCCACTGATGGCAAGCTTTCCCAAGAGTGTGTTTCG 698
Db 143 TGGAGTGAAGTGAAGCTGATCCCACTGATGGCAAGCTTTCCCAAGAGTGTGTTTCG 84

Qy 699 TGACTGCAAGAGAGGAGATCCCAAGCAGCGGAAAGCGAAACGAGGCGGCGGAAAGCT 758
Db 83 TGACTGCAAGAGAGGAGATCCCAAGCAGCGGAAAGCGAAACGAGGCGGCGGAAAGCT 24

Qy 759 GAGCAAGAGTACTGGAGCTGT 781
Db 26 GAGCAAGAGTACTGGAGCTGT 1
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Db 23 GAGCAAGAGTACTGGGACTGTC 1

RESULT 12

US-09-922-217-944/C
Sequence 944, Application US/09922217
Patent No. US20020076414A1
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Lodes, Michael J.
APPLICANT: Secrist, Heather
APPLICANT: Benson, Darin R.
APPLICANT: Meagher, Madeleine Joy
APPLICANT: Stolk, John A.
APPLICANT: Wang, Tonglong
APPLICANT: Jiang, Yugu
APPLICANT: Smith, Carole Lynn
APPLICANT: King, Gordon E.
APPLICANT: Wang, Aijun
APPLICANT: Clapper, Jonathan D.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.471C13
CURRENT APPLICATION NUMBER: US/09/922.217
NUMBER OF SEQ ID NOS: 1124
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 944
LENGTH: 563
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-217-944

Query Match 50.3%; Score 561.4; DB 10; Length 563;
Best Local Similarity 99.8%; Pred. No. 3.1e-143;
Matches 562; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 219 GGAATGATAGCTACCAAGTGGAGAGAAACAATACGACGCAAGCCGATTTGACTTCTC 278
Db 563 GGAATGATAGCTACCAAGTGGAGAGAAACAATACGACGCAAGCCGATTTGACTTCTC 504
Qy 279 ACGATGTGATAGTATGATGCGCCACCTCTTGCAATTTGCTTGAAGAGCTGCGTCTGT 338
Db 503 ACGATGTGATAGTATGATGCGCCACCTCTTGCAATTTGCTTGAAGAGCTGCGTCTGT 444
Qy 339 CTTTGGGCTCTGGGGGACCACTTCCATGCCCCAGCTGGAGAACTTCACTTCTTCTC 398
Db 443 CTTTGGGCTCTGGGGGACCACTTCCATGCCCCAGCTGGAGAACTTCACTTCTTCTC 384
Qy 399 TGATGAGCTCAGTTGATCATTGAGCTGTGAGAGAGATGAGCAATGGCTTCCAGAGGC 458
Db 383 TGATGAGCTCAGTTGATCATTGAGCTGTGAGAGAGATGAGCAATGGCTTCCAGAGGC 324
Qy 459 CTTAGACCCAGGCGCTTTGAACAAGGAGCCCTTTGCCCCAGAGCTGTGACGACG 518
Db 323 CTTAGACCCAGGCGCTTTGAACAAGGAGCCCTTTGCCCCAGAGCTGTGACGACG 264
Qy 519 TCAGCAAGCCAGCCCTTACCAACCCCGGAGCTGTGGCGCAGAGAGCCCTTCCCTGGAG 578
Db 263 TCAGCAAGCCAGCCCTTACCAACCCCGGAGCTGTGGCGCAGAGAGCCCTTCCCTGGAG 204
Qy 579 CTTGAGCTCTCCACCGCAGGAGCTGTGCTTCCGAGCTCCCACTCTCAGACTCCG 638
Db 203 CTTGAGCTCTCCACCGCAGGAGCTGTGCTTCCGAGCTCCCACTCTCAGACTCCG 144
Qy 639 TGAAGTGAAGTGAAGCTGATCCCACTGATGCAAGCTCTTCCCAAGCTGATGTTTCG 698
Db 143 TGAAGTGAAGTGAAGCTGATCCCACTGATGCAAGCTCTTCCCAAGCTGATGTTTCG 84
Qy 699 TGAATGCAAGAGGGGATCCCAAGCAGCGGAGAGGAGAAAGAGGCGCCCGAAAGCT 758
Db 83 TGAATGCAAGAGGGGATCCCAAGCAGCGGAGAGGAGAAAGAGGCGCCCGAAAGCT 24

Qy 759 GAGCAAGAGTACTGGGACTGTC 781

Db 23 GAGCAAGAGTACTGGGACTGTC 1

RESULT 13

US-09-833-263-944/C
Sequence 944, Application US/09833263
Patent No. US20020110547A1
GENERAL INFORMATION:
APPLICANT: Wang, Aijun
APPLICANT: Clapper, Jonathan D.
APPLICANT: Stolk, John A.
APPLICANT: Meagher, Madeleine J.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.471C12
CURRENT APPLICATION NUMBER: US/09/833.263
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 944
LENGTH: 563
TYPE: DNA
ORGANISM: Homo sapien
US-09-833-263-944

Query Match 50.3%; Score 561.4; DB 10; Length 563;
Best Local Similarity 99.8%; Pred. No. 3.1e-143;
Matches 562; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 219 GGAATGATAGCTACCAAGTGGAGAGAAACAATACGACGCAAGCCGATTTGACTTCTC 278
Db 563 GGAATGATAGCTACCAAGTGGAGAGAAACAATACGACGCAAGCCGATTTGACTTCTC 504
Qy 279 ACGATGTGATAGTATGATGCGCCACCTCTTGCAATTTGCTTGAAGAGCTGCGTCTGT 338
Db 503 ACGATGTGATAGTATGATGCGCCACCTCTTGCAATTTGCTTGAAGAGCTGCGTCTGT 444
Qy 339 CTTTGGGCTCTGGGGGACCACTTCCATGCCCCAGCTGGAGAACTTCACTTCTTCTC 398
Db 443 CTTTGGGCTCTGGGGGACCACTTCCATGCCCCAGCTGGAGAACTTCACTTCTTCTC 384
Qy 399 TGATGAGCTCAGTTGATCATTGAGCTGTGAGAGAGATGAGCAATGGCTTCCAGAGGC 458
Db 383 TGATGAGCTCAGTTGATCATTGAGCTGTGAGAGAGATGAGCAATGGCTTCCAGAGGC 324
Qy 459 CTTAGACCCAGGCGCTTTGAACAAGGAGCCCTTTGCCCCAGAGCTGTGACGACG 518
Db 323 CTTAGACCCAGGCGCTTTGAACAAGGAGCCCTTTGCCCCAGAGCTGTGACGACG 264
Qy 519 TCAGCAAGCCAGCCCTTACCAACCCCGGAGCTGTGGCGCAGAGAGCCCTTCCCTGGAG 578
Db 263 TCAGCAAGCCAGCCCTTACCAACCCCGGAGCTGTGGCGCAGAGAGCCCTTCCCTGGAG 204
Qy 579 CTTGAGCTCTCCACCGCAGGAGCTGTGCTTCCGAGCTCCCACTCTCAGACTCCG 638
Db 203 CTTGAGCTCTCCACCGCAGGAGCTGTGCTTCCGAGCTCCCACTCTCAGACTCCG 144
Qy 639 TGAAGTGAAGTGAAGCTGATCCCACTGATGCAAGCTCTTCCCAAGCTGATGTTTCG 698
Db 143 TGAAGTGAAGTGAAGCTGATCCCACTGATGCAAGCTCTTCCCAAGCTGATGTTTCG 84
Qy 699 TGAATGCAAGAGGGGATCCCAAGCAGCGGAGAGGAGAAAGAGGCGCCCGAAAGCT 758
Db 83 TGAATGCAAGAGGGGATCCCAAGCAGCGGAGAGGAGAAAGAGGCGCCCGAAAGCT 24
Qy 759 GAGCAAGAGTACTGGGACTGTC 781
Db 23 GAGCAAGAGTACTGGGACTGTC 1

RESULT 14

